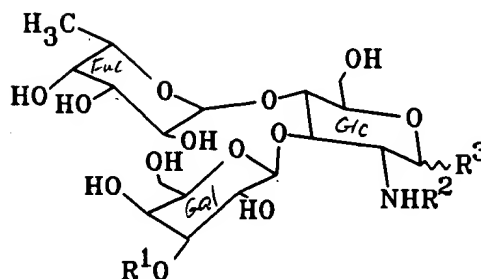


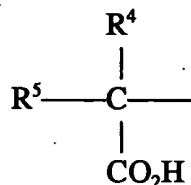
I



II

in which:

R¹ is selected from the group consisting of [an oligosaccharide, a monosaccharide] a sialic acid and a group having the formula III



III

in which:

R⁴ and R⁵ taken individually are the same or different and are selected from the group consisting of H, C₁-C₈ alkyl, hydroxy-(C₁-C₈ alkyl), aryl-(C₁-C₈ alkyl), and (C₁-C₈ alkoxy)-(C₁-C₈ alkyl), substituted or unsubstituted, or

R⁴ and R⁵ form a single radical which is selected from the group consisting of ---R⁶--- and ---(R⁷)_q---O---(R⁸)_r---

in which R^6 is C_3 - C_7 divalent alkyl, substituted or unsubstituted, R^7 and R^8 are the same or different and are C_1 - C_6 divalent alkyl, substituted or unsubstituted, and q and r are the same or different and are zero or 1 such that the sum of q and r is at least 1;

the substitutions in the substituted groups being selected from the group consisting of hydroxy, hydroxy(C_1 - C_4 alkyl), polyhydroxy(C_1 - C_4 , alkyl), and alkanoamido;

R^2 is selected from the group consisting of (C_1 - C_8 alkyl)carbonyl, (C_1 - C_8 alkoxy)carbonyl, (C_2 - C_9 alkenyloxy)carbonyl;

R^3 is selected from the group consisting of an oligosaccharide, a monosaccharide, H, OH, C_1 - C_{20} alkyl, C_1 - C_{20} alkoxy, aryl-(C_1 - C_8 alkyl), (C_1 - C_8 alkyl)-aryl, and alkylthio.

107. (amended) The method of claim [106] 99, wherein the sialic acid is selected from the group consisting of NeuAc α 2,3 and NeuGc α 2,3.

108. (amended) The method of claim [100] 99 wherein R^3 is selected from a group consisting of an oligosaccharide and a monosaccharide.

109. (amended) The method of claim 108, wherein R^3 [is an oligosaccharide and] is β 1,3Gal β 1,4Glc.

110. (amended) The method of claim 108, wherein R^3 [is a monosaccharide and] is selected from the group consisting of Man, GalNAc, and Gal.

111. (amended) The method of claim 110, wherein [the monosaccharide] R^3 is selected from the group consisting of α 1,2Man, α 1,6GalNAc, α 1,2Man- R^9 , α 1,6GalNAc- R^9 , and β 1, 3Gal- R^9 ,
dep 99?
ing dep 110

wherein R^9 is attached to the anomeric carbon and is selected from the group consisting of -OH, C_1 - C_{20} alkyl, C_1 - C_{20} alkoxy, aryl-(C_1 - C_8 alkyl), (C_1 - C_8 alkyl)-aryl, and alkylthio.

112. (amended) The method of claim 111, wherein [the monosaccharide] R^3 is β 1,3Gal- R^9 .

B3
120. (amended) The method of claim [95] 99, wherein the pharmaceutically acceptable carrier comprises sodium ions.

121. (amended) The method of claim [95] 99, wherein the pharmaceutically acceptable carrier comprises sodium acetate.

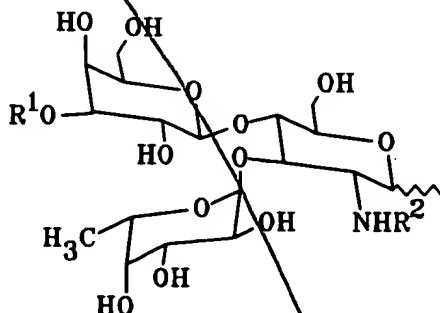
~~122.~~ (amended) The method of claim [95] 99, wherein the composition is administered parenterally.

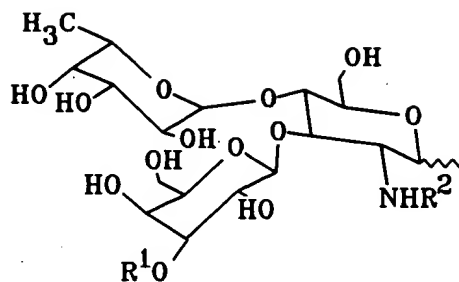
B4
124. (amended) The method of claim [95] 99, wherein the intercellular adhesion is associated with an inflammatory condition.

B5-
126. (amended) The method of claim [95] 99, wherein the intercellular adhesion is associated with reperfusion injury.

Please add the following new claim

B6
Sub
C1
128. A method for inhibiting selectin-mediated intercellular adhesion in a mammal, the method comprising administering to the mammal a therapeutically effective dose of a pharmaceutical composition comprising a pharmaceutically acceptable carrier and a carbohydrate compound which selectively binds P-selectin or E-selectin, wherein the carbohydrate compound includes a moiety having a formula selected from the group consisting of:

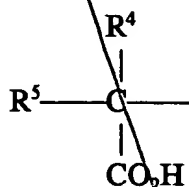




II

in which:

R¹ is selected from the group consisting of a sialic acid and a group having the formula III



III

in which:

R⁴ and R⁵ taken individually are the same or different and are selected from the group consisting of H, C₁-C₈ alkyl, hydroxy-(C₁-C₈ alkyl), aryl-(C₁-C₈ alkyl), and (C₁-C₈ alkoxy)-(C₁-C₈ alkyl), substituted or unsubstituted, or

R⁴ and R⁵ form a single radical which is selected from the group consisting of ---R⁶--- and ---(R⁷)_q---O---(R⁸)_r---

in which R⁶ is C₃-C₇ divalent alkyl, substituted or unsubstituted, R⁷ and R⁸ are the same or different and are C₁-C₆ divalent alkyl, substituted or unsubstituted, and q and r are the same or different and are zero or 1 such that the sum of q and r is at least 1;

the substitutions in the substituted groups being selected from the group consisting of hydroxy, hydroxy(C₁-C₄ alkyl), polyhydroxy(C₁-C₄, alkyl), and alkanoamido; and

R² is selected from the group consisting of (C₁-C₈ alkyl)carbonyl, (C₁-C₈ alkoxy)carbonyl, (C₂-C₉ alkenyloxy)carbonyl.

Bk
Sub
C₁
Contd